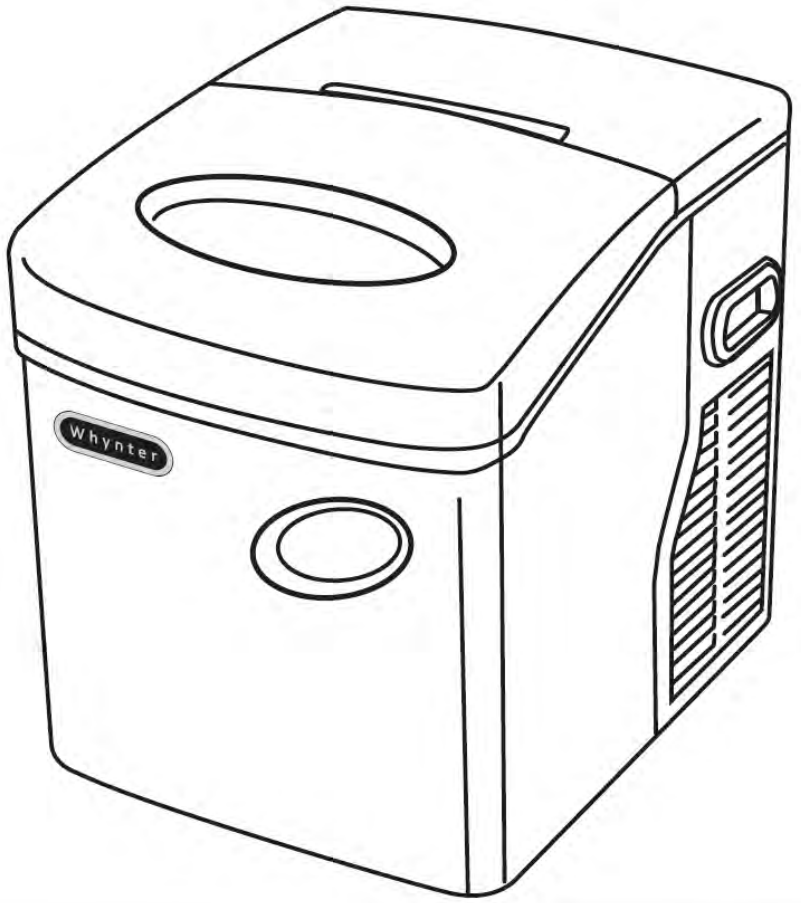
Whynter Portable Ice Maker with 49lb Capacity and Water Connection

Model # : IMC-491DC

INSTRUCTION MANUAL

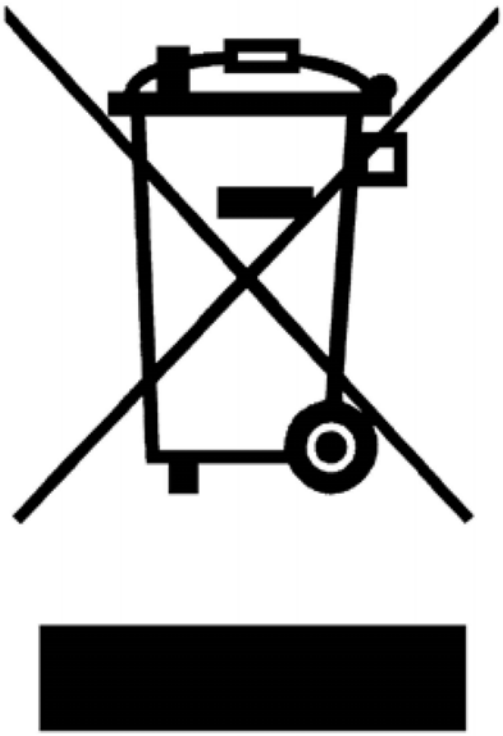


Congratulations on your new Whynter product. To ensure proper operation, please read this Instruction Manual carefully before using this product. Keep this manual in a safe place for future reference.

DISPOSAL INFORMATION

Thank you for choosing the Whynter Portable Ice Maker. Please follow the instructions provided in this user guide to obtain the very best performance from your Ice Maker. We trust that your Whynter Portable Ice Maker will provide the performance and reliability that we stand for.

Please keep this user manual in a safe place for future reference.



This symbol on the product or its packaging indicates that the appliance cannot be treated as normal domestic trash, but must be handed in at a collection point for recycling electric and electronic appliances. Your contribution to the correct disposal of this product protects the environment.

Further information about the recycling of this product can be obtained from your local municipal authority.

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TECHNICAL SPECIFICATIONS

MODEL :	IMC-491DC
Protection Type:	I
Climate Type:	SN/N/ST
Power Consumption:	170W
Power Supply:	115V/ 60Hz
Water Reservoir Capacity:	5.0L
Ice Making Current:	2.1A
Ice Making Harvest:	3.2A
Max Storage Capacity:	2.7 lbs
Ice Making Capability:	49 lbs/day
Refrigerant:	R-134a / 95g
Unit Dimensions:	15" L x 17.25" W x 17" H (27.5” H when ice maker cover is opened)
Net Weight:	38 lbs

SAFETY PRECAUTIONS

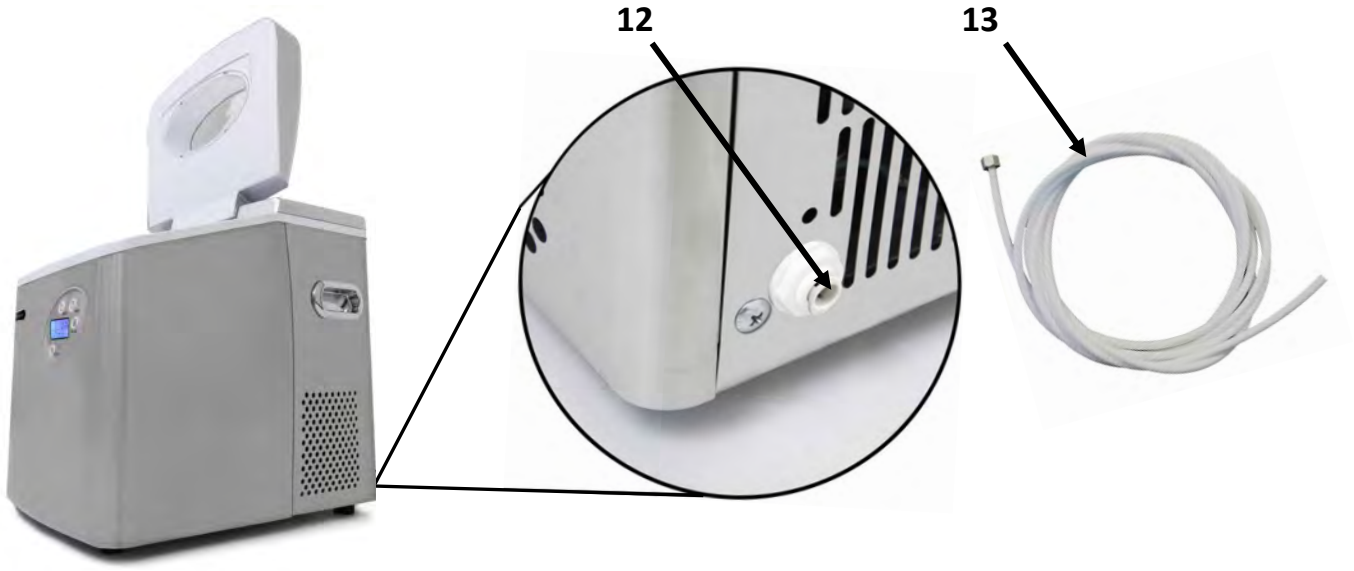
WARNING	TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK, OR INJURY WHEN USING YOUR PORTABLE ICE MAKER, FOLLOW THESE BASIC PRECAUTIONS:

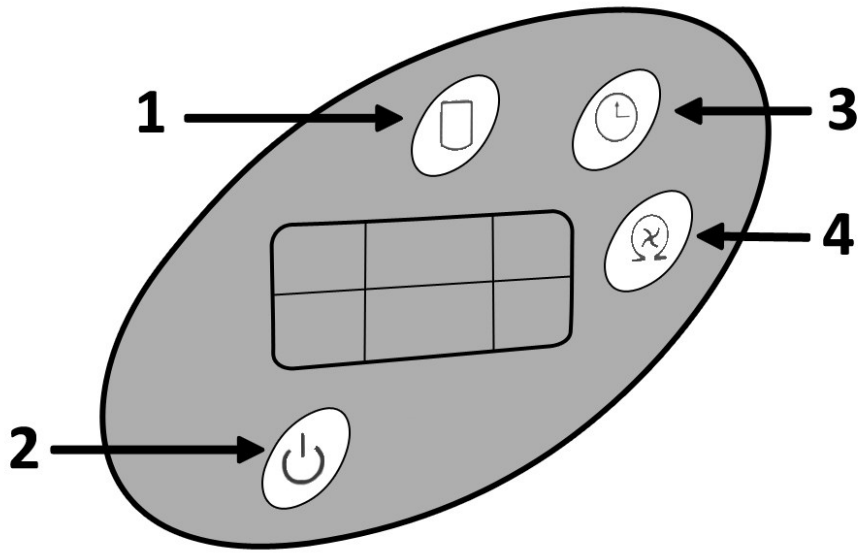
- Read all instructions before using the appliance
- Never clean appliance parts with flammable fluids. The fumes can create a fire hazard. Do not use an excessively wet cloth, industrial solvents, and oil-based products to clean this appliance
- Do not store or use gasoline or any other flammable vapors and liquids in the vicinity of this or any other appliance. The fumes can create a fire hazard
- Do not abuse, sit on, or stand on the appliance
- This appliance is not intended for use by persons (including children with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety
- Children should be supervised to ensure that they do not play with the appliance
- If the power cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard
- Use the portable ice maker only for its intended function. This appliance is designed for household, non-commercial use only. Any other use will void the warranty
- To avoid the risk of shock, the product should never be used in steamy or wet areas
- During installation, the power supply must not be excessively or dangerously bent or flattened
- Do not tamper with controls
- Make sure the power plug is placed fully and firm into the wall socket. If the wall receptacle you intend to use is not adequately grounded or protected by a time delay fuse or circuit breaker, have a qualified electrician install an outlet that is appropriate to local electrical codes and requirements
- Do not use multiple socket or of an extension cord as it may overheat and become a risk of fire
- Make sure the power plug is clean before usage
- Do not turn this appliance on and off by plugging and unplugging. Always use the ON/OFF switch
- After turning the appliance off, please take the power plug out of the socket
- Make sure hands are dry when connecting the power plug**.** The appliance is equipped with a three-prong grounded power plug on the power cord for your protection. Never modify, remove or attempt to repair the power plug yourself
- Do not repair, disassemble and/or modify the appliance by yourself
- Transport the appliance in an upright position only, or leave it in an upright position for at least 4 hours before first use
- When positioning or moving the appliance ensure that it is not turned upside down or greater than 45° or more off level
- Extreme caution must be used when moving or lifting the appliance, utilize handles and do not lift from the base of the unit to avoid injury
- This appliance must be installed in an area protected from the elements, such as wind, rain, water spray or drips
- When using this appliance in any confined space, be sure to allow proper ventilation to prevent overheating and fire. Allow at least 5” of air space on all sides of the appliance
- Always place the appliance on even and hard and level surface that can support the unit when it is full
- Ensure objects do not obstruct the air vents
- Never insert your fingers or other objects into the air outlets
- This appliance must be earthed
- The wires in this mains lead are colored in accordance with the following code:
    - Green or Green with a strip yellow: Grounding
    - White: Neutral
    - Black: Live

THE MANUFACTURER DISCLAIMS ANY RESPONSIBILITY IF THE ABOVE INSTRUCTIONS ARE NOT FOLLOWED

PARTS AND CONTROL PANEL

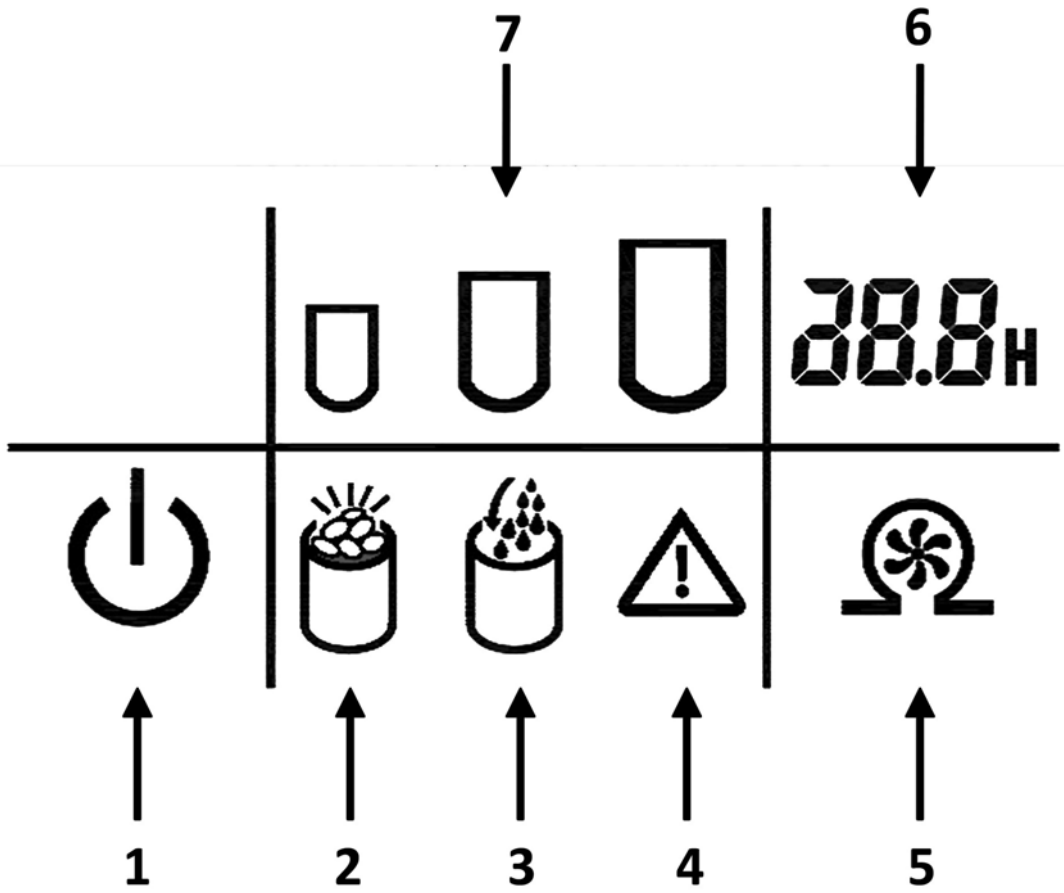
1	Ice Maker Cover
2	Ice Basket (Removable)
3	Handle
4	Air Vent
5	Drain cap and Rubber Drain Plug
6	Freezing Bars
7	Ice Shovel
8	Ice Full Sensor
9	Ice Scoop
10	Water Reservoir
11	Control Panel
12	Water Inlet
13	12 ft. Inlet Hose





1	Size Selector
2	ON/OFF Button
3	Timer Button
4	Clean Button

LCD DISPLAY OVERVIEW



1. ON/OFF INDICATOR

This indicator is displayed all the time to show that the unit is plugged in and receiving power. The unit is operation when the ICE SIZE INDICATOR (7.) is on.

2. ICE FULL INDICATOR

When the ice basket is full, this indicator will be displayed. The indicator will remain until the ice in the basket either melts away slowly or has been removed. The unit will stay in a “Standby” mode until the ice has been removed / melted at which time the unit will automatically start operation as normal.

3. WATER INDICATOR

When the water indicator is solid, the unit is pumping water to make ice. If the water level is too low, the indicator will flash and the ice maker will stop working automatically. Once you add water to the unit, the indicator will turn off and the ice maker will resume normal operation.

4. WARNING INDICATOR

This indicates that there is an error with the unit. (see Troubleshooting on page 11)

5. SELF-CLEANING INDICATOR

Indicates unit has entered self-cleaning program. (see Cleaning your Ice Maker on page 9)

6. TIMER INDICATOR

Displays remaining time when unit to turn ON or OFF. (see Timer Setting Instructions on page 8)

7. ICE SIZE INDICATOR

This ice maker produces bullet-shaped ice. Each time you press the Size Selector button, the cube size selection will change between Small, Medium, and Large. The chosen mode shall stay as selected unless changed or there is a power failure. For the most efficient operation when ambient temperature is below 59ºF, use the small cube size setting. In an event of a power interruption, operation does not restart automatically. Upon restart, Medium ice size will be selected at default.

INSTALLATION AND OPERATING INSTRUCTIONS

INSTALLATION OF YOUR ICE MAKER

- Locate the ice maker away from direct sunlight and sources of heat (stove, heater, radiator, etc.). Direct sunlight may affect the acrylic coating and heat sources may increase electrical consumption. Extreme cold ambient temperatures may also cause the ice maker not to perform properly.
- Plug the ice maker into an exclusive properly installed-grounded wall outlet. Do not under any circumstances cut or remove the third (ground) prong from the power cord.
- **IMPORTANT**: Do not install the Ice maker near an oven, radiator, or other heat source.

SPACE REQUIREMENTS

- During transportation, the incline angle of the cabinet should not be over 45°
- Do not turn the Ice Maker upside down. Problems could occur in the compressor and sealed system.
- The Ice maker should be placed horizontally on a properly leveled surface.
- To ensure proper ventilation for your Ice maker allow 6" of space at the back and on each side.
- Before using the Ice maker for the first time, please wait 4 hours after positioning it.
- Clean the ice shovel, ice basket, water reservoir, and ice scoop frequently.

OPERATING INSTRUCTIONS

Using this portable ice maker requires water. Adding water to this unit can be done in 2 different methods:

MANUAL FILL METHOD

1. Make sure that the ice maker is turned off.
2. Open the top cover and remove the ice basket.
3. Remove any dust or objects that may be in the water reservoir.
4. Fill the water reservoir up to the line marked "▽". Fill with potable or drinking water only.

DIRECT WATER CONNECTION METHOD

The direct water line can be installed into the ice maker for a continuous flow of water, preventing you from refilling a water reservoir every time you need more ice.

NOTE: For installation, please consult a professional plumber

1. Make sure that the ice maker is turned off.
2. Insert the inlet hose into the water inlet port, shown in Fig. 1a
3. Make sure that the inlet hose if fully inserted to avoid water leakage. See Fig 1b
4. Connect the other end of the hose to your water source. Fig. 1c
5. Hand screw the hose into the water source and be sure to tighten the connection to avoid leaking. Fig. 1d
6. The recommended water pressure is 58 PSI.

ICE MAKING INSTRUCTIONS

1. Turn the unit on by pressing the Power button.
2. Select desired ice cube size by pressing the Size Selector (Small, Medium, or Large)
3. Water will be pumped from the water reservoir to the water tray under the freezing bars. The freezing bars will start freezing. Once the freezing process is complete, the freezing bars will heat up to drop the ice cubes. Then the ice shovel will push the ice cubes down to the ice basket.
4. When the unit is used for the first time, discard the first couple batches of ice.

5. The ice maker will automatically check the water level in the reservoir periodically and will stop the ice-making cycle when the ice maker detects any shortage of water.

   MANUAL FILL METHOD: The water indicator will then start flashing. Press the ON/OFF button to turn off the unit and fill the reservoir with water. Press the ON/OFF button again to restart the ice-making cycle or wait 3 minutes after the water indicator stops flashing as the ice maker will begin it's normal operation cycle automatically.

   DIRECT WATER CONNECTION METHOD: Once the water reservoir is out of water, the ice maker will refill automatically up to the ▽ line.

6. When the ice cubes reach the ice full sensor, the ice maker will stop operating and the ICE FULL indicator will be displayed.

7. Change water in the water reservoir every 24 hours to ensure a reasonable hygiene level. If unit is not in use, drain all water left in the water reservoir.

- **NOTE**: This ice maker produces 12 ice cubes every cycle of 10 to 15 minutes approximately depending on the size of cube is selected. When the ambient temperature is lower than 59ºF, the small ice cube size is recommended to avoid ice cubes clumping together. For best performance, water temperature should be between 55ºF and 85ºF and ambient temperature between 65ºF and 77ºF.
- **NOTE:** The ice basket does not keep the ice cubes frozen. The ice in the basket will slowly melt and the water will drip to the water reservoir and reused.

TIMER SETTING INSTRUCTIONS

TIMER DELAY SWITCH ON

When the ice maker is OFF, press the Timer button on the control panel and " 1.0H " will flash in the Timer Set display window. Set the desired time delay ON hours by pressing the SIZE SELECTOR button. The time increments are 0.5 hour up to 18 hours. The time displayed will change invariably and will decrease by 0.1 Hr. When the delay time set has elapsed, the ice maker will turn on. To cancel the delayed switch on function, press the Timer button and icon will disappear confirming the function has been cancelled.

TIMER DELAY SWITCH OFF

When the ice maker is ON, press the Timer button on the control panel and " 1.0H " will flash in the Timer Set display window. Set the desired time delay OFF hours by pressing the SIZE SELECTOR button. The time increments are 0.5 hour up to 18 hours. The time displayed will change invariably and will decrease by 0.1 Hr. When the delay time set has elapsed, the ice maker will turn off. To cancel the delayed switch off function, press the Timer button and icon will disappear confirming the function has been cancelled.

NORMAL SOUNDS

Your new ice maker may make sounds that are not familiar to you. Hard surfaces like the floor and walls can make the sounds seem louder than they actually are. The following describes the kinds of sounds that might be new to you and what may be making them.

- Ratting noises may come from the flow of the refrigerant or the water line, items stored on top of the ice maker can also make noises.
- The high efficiency compressor may make a pulsating or high-pitched sound.
- Water running from the evaporator to the water reservoir may make a splashing sound.
- As each cycle ends, you may hear a gurgling sound due to the refrigerant flowing in your ice maker.
- You may hear air being forced over the condenser by the condenser fan.
- During the harvest cycle, you may hear the sound of ice cubes falling into the ice basket

POWER FAILURE

Most power failures are corrected within a few hours and should not affect the temperature of your ice maker if you minimize the number of times the ice maker cover is opened. If the power is going to be OFF for a longer period of time, you need to take the proper steps to disconnect your appliance. Failure to unplug the ice maker could result in electrical shock or personal injury.

CARE AND MAINTENANCE

CAUTION : Failure to unplug the ice maker could result in electrical shock or personal injury

DRAINING YOUR ICE MAKER

Follow the steps below to drain the unit.

1. Carefully move the unit towards a sink or other suitable location for draining
2. Remove the drain cap and rubber drain plug located at the left side of the ice maker to access the drain.

NOTE: An additional rubber drain plug is included as a spare part.

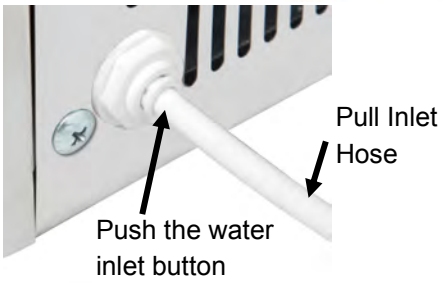
3. Let the water drain from the drain plug.

4. Firmly install the rubber drain plug into the drain port.

WARNING: Do not tip the unit over while there is water in the reservoir.

REMOVING THE INLET HOSE

To disconnect the inlet hose from the portable ice maker, push the water inlet button while pulling the inlet hose at the same time.



CLEANING YOUR ICE MAKER

OUTSIDE

The outside of the ice maker should be cleaned regularly with a mild detergent solution, warm water and use a soft cloth to wipe. Do not use rough cloth to avoid scratching or damaging the surface of the unit.

INTERIOR

The Whynter IMC-491DC ice maker is equipped with a Self-Clean program that ensures your ice is clean and fresh by removing scales and impurities. This program works the same as the ice making process, only without the freezing.

1. Unplug the unit.

2. Remove the ice basket.

3. Create a one part vinegar to 10 parts water solution and pour the solution into the water reservoir .

4. Plug the unit, press and hold the CLEAN button for 3 seconds. The unit will automatically enter the self-clean program which will take about 5-6 minutes. During this process, the icon and will be displayed in LCD window, and the fan blade in the con will always rotate. This process will rinse the inside parts several times.

5. After self-clean program is complete, drain out the water by loosening the drain cap and unplugging the rubber drain plug on the side. Install the rubber drain plug once the water reservoir is empty.

6. Unplug the unit, add fresh water into water reservoir up to water level mark.

7. Plug in the unit and initiate self-clean program again. Once the program completes, drain out the water.

8. Dry the interior and exterior with a soft and clean cloth.

9. Install the rubber drain plug and tighten the drain cap.

NOTE: When using the unit for the first time or an extended break from use, we suggest the cleaning program to be performed first.

TROUBLESHOOTING

Problem	Possible Causes	Solutions
• Water leaking from the back of the unit	• Water inlet hose not properly inserted • Water pressure is too high	• Insert the inlet hose properly into the water inlet port • The recommended water pressure is 58 PSI.
• The compressor works abnormally with a buzzing noise	• The voltage is lower than recommended	• Stop the ice maker and do not restart until the voltage is normal
• Water indicator light is on	• There is not enough water in the reservoir	• Press the ON/OFF button to shut off, fill with water, wait for 3 minutes and press the ON/OFF button again to restart
• Ice full indicator light is on	• Ice basket is full to the top	• Remove some of the ice
• Window display or indicator lights are off	• Blown fuse/ no power/blown breaker	• Replace fuse / turn power on
• Warning indicator is displayed	• Ice Shovel cannot rotate	• Check if ice cubes are blocking or obstructing the ice shovel.
• Warning indicator flashes for 20 seconds	• Ice Full sensor is faulty	• Contact Whynter Service Department
• The ice made is too large and with pieces sticking together	• The water temperature in the storage tray or ambient is too low	• Stop the machine and reset the ice making cycle • Restart the machine after turning it off
• Ice appears cloudy	• Due to fast freezing or the water quality , ice cubes may appear "cloudy", this is trapped air in the water and does not affect the taste or quality of the ice.	• This is normal
• Not all freezing bars makes ice	• Amount of water in the reservoir is insufficient • No water in the reservoir • When the unit is first started, refrigerant may not be flowing to all freezing bars	• Make sure that water is at MAX level before using the portable ice maker • Run the unit for a couple more cycles and all bars should be frozen
• Ice full indicator is on but ice is not full	• Ice Full sensor is obstructed • Build up form on the sensor	• Make sure that there are no obstruction or objects aligned with the ice full sensor • Remove the ice cubes from the ice basket and close the lid • Use a mild vinegar solution to clean the sensor
• Conditions for ice making cycle are right but no ice is made	• Refrigerant leaks/ sealed system is blocked • Water pressure is not properly set	• Contact Whynter Service Department • The recommended water pressure is 58 PSI.

ONE YEAR LIMITED WARRANTY

This WHYNTER Portable Ice Maker is warranted, to the original owner within the 48 continental states, for one year from the date of purchase against defects in material and workmanship under normal use and service. Should your WHYNTER Portable Ice Maker prove defective within one year from the date of purchase, return the defective part or appliance, freight prepaid (within two months of purchase; after two months to one year, customer will be responsible for freight cost to Whynter's service department), along with an explanation of the claim to Whynter LLC. Please package the WHYNTER Portable Ice Maker carefully in its original packaging material to avoid damage in transit. Please retain the original box and packaging material. Under this warranty, Whynter will repair or replace any parts found defective. This warranty is not transferable. After the expiration of the warranty, the cost of labor and parts will be the responsibility of the original owner of the appliance.

THIS WARRANTY DOES NOT COVER:

- Acts of God, such as fire, flood, hurricanes, earthquakes and tornadoes.
- Damage, accidental or otherwise, to the portable ice maker while in the possession of a consumer not caused by a defect in material or workmanship;
- Damage caused by consumer misuse, tampering, or failure to follow the care and special handling provisions in the instructions.
- Damage to the finish of the case, or other appearance parts caused by wear.
- Damage caused by repairs or alterations to the product by anyone other than authorized by the manufacturer.
- Freight and Insurance cost for the warranty service.

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CUSTOMER'S SOLE AND EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY SHALL BE PRODUCT REPAIR OR REPLACEMENT AS PROVIDED HEREIN. CLAIMS BASED ON IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO ONE YEAR OR THE SHORTEST PERIOD ALLOWED BY LAW, BUT NOT LESS THAN ONE YEAR. WHYNTER SHALL NOT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES SUCH AS PROPERTY DAMAGE AND INCIDENTAL EXPENSES RESULTING FROM ANY BREACH OF THIS WRITTEN LIMITED WARRANTY OR ANY IMPLIED WARRANTY. SOME STATES AND PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSE- QUENTIAL DAMAGES, OR LIMITATIONS ON THE DURATION OF IMPLIED WARRANTIES, SO THESE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WRITTEN WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

To obtain service or information, contact

Whynter LLC via email at service@whynter.com or call

866-WHYNTER.

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